

## Preset speeds

2, 4, 8 or 16 speeds can be preset, requiring 1, 2, 3 or 4 logic inputs respectively.

The following assignment order must be observed: [2 preset speeds] (PS2), then [4 preset speeds] (PS4), then [8 preset speeds] (PS8), then [16 preset speeds] (PS16).

Combination table for preset speed inputs

16 speeds LI (PS16)	8 speeds LI (PS8)	4 speeds LI (PS4)	2 speeds LI (PS2)	Speed reference
0	0	0	0	Reference (1)
0	0	0	1	SP2
0	0	1	0	SP3
0	0	1	1	SP4
0	1	0	0	SP5
0	1	0	1	SP6
0	1	1	0	SP7
0	1	1	1	SP8
1	0	0	0	SP9
1	0	0	1	SP10
1	0	1	0	SP11
1	0	1	1	SP12
1	1	0	0	SP13
1	1	0	1	SP14
1	1	1	0	SP15
1	1	1	1	SP16

(1) See the block diagrams on page 53 and page 55: Reference 1 = (SP1).

**Note:** If Fr1 = LCC and rPI= nO, then PI reference (%) = 10 \* AI (Hz) / 15

# [APPLICATION FUNCT.] (FUn-) menu

rEF -  
SEt -  
drC -  
i-D -  
CtL -  
FUn -  
FLt -  
CaP -  
SuP -

Code	Name/Description	Adjustment range	Factory setting
<b>P55 -</b>	<b>[PRESET SPEEDS]</b> Note: The "Preset speeds" function may be incompatible with other functions (see page 21).		
<b>P52</b>	<input type="checkbox"/> <b>[2 preset speeds]</b> Selecting the assigned logic input activates the function. <input type="checkbox"/> [No] (nO): Not assigned <input type="checkbox"/> [LI1] (LI1): Logic input LI1 <input type="checkbox"/> [LI2] (LI2): Logic input LI2 <input type="checkbox"/> [LI3] (LI3): Logic input LI3 <input type="checkbox"/> [LI4] (LI4): Logic input LI4 <input type="checkbox"/> [LI5] (LI5): Logic input LI5 <input type="checkbox"/> [LI6] (LI6): Logic input LI6  If [ACCESS LEVEL] (LAC) = [Level 3] (L3), the following assignments are possible: <input type="checkbox"/> [CD11] (CD11): Bit 11 of the control word from a communication network <input type="checkbox"/> [CD12] (CD12): Bit 12 of the control word from a communication network <input type="checkbox"/> [CD13] (CD13): Bit 13 of the control word from a communication network <input type="checkbox"/> [CD14] (CD14): Bit 14 of the control word from a communication network <input type="checkbox"/> [CD15] (CD15): Bit 15 of the control word from a communication network		[LI3] (LI3)
<b>P54</b>	<input type="checkbox"/> <b>[4 preset speeds]</b> Selecting the assigned logic input activates the function. Ensure that [2 preset speeds] (PS2) has been assigned before assigning [4 preset speeds] (PS4). <input type="checkbox"/> [No] (nO): Not assigned <input type="checkbox"/> [LI1] (LI1): Logic input LI1 <input type="checkbox"/> [LI2] (LI2): Logic input LI2 <input type="checkbox"/> [LI3] (LI3): Logic input LI3 <input type="checkbox"/> [LI4] (LI4): Logic input LI4 <input type="checkbox"/> [LI5] (LI5): Logic input LI5 <input type="checkbox"/> [LI6] (LI6): Logic input LI6  If [ACCESS LEVEL] (LAC) = [Level 3] (L3), the following assignments are possible: <input type="checkbox"/> [CD11] (CD11): Bit 11 of the control word from a communication network <input type="checkbox"/> [CD12] (CD12): Bit 12 of the control word from a communication network <input type="checkbox"/> [CD13] (CD13): Bit 13 of the control word from a communication network <input type="checkbox"/> [CD14] (CD14): Bit 14 of the control word from a communication network <input type="checkbox"/> [CD15] (CD15): Bit 15 of the control word from a communication network		[LI4] (LI4)
<b>P58</b>	<input type="checkbox"/> <b>[8 preset speeds]</b> Selecting the assigned logic input activates the function. Ensure that [4 preset speeds] (PS4) has been assigned before assigning [8 preset speeds] (PS8). <input type="checkbox"/> [No] (nO): Not assigned <input type="checkbox"/> [LI1] (LI1): Logic input LI1 <input type="checkbox"/> [LI2] (LI2): Logic input LI2 <input type="checkbox"/> [LI3] (LI3): Logic input LI3 <input type="checkbox"/> [LI4] (LI4): Logic input LI4 <input type="checkbox"/> [LI5] (LI5): Logic input LI5 <input type="checkbox"/> [LI6] (LI6): Logic input LI6  If [ACCESS LEVEL] (LAC) = [Level 3] (L3), the following assignments are possible: <input type="checkbox"/> [CD11] (CD11): Bit 11 of the control word from a communication network <input type="checkbox"/> [CD12] (CD12): Bit 12 of the control word from a communication network <input type="checkbox"/> [CD13] (CD13): Bit 13 of the control word from a communication network <input type="checkbox"/> [CD14] (CD14): Bit 14 of the control word from a communication network <input type="checkbox"/> [CD15] (CD15): Bit 15 of the control word from a communication network		[No] (nO)

# [APPLICATION FUNCT.] (FUn-) menu

rEF -  
SEt -  
drC -  
i-D -  
CtL -  
FUn -  
FLt -  
CaP -  
SuP -

Code	Name/Description	Adjustment range	Factory setting
<b>P55 -</b>	<b>[PRESET SPEEDS]</b> (continued)		
<b>PS16</b>	<input type="checkbox"/> <b>[16 preset speeds]</b> Selecting the assigned logic input activates the function. Ensure that <b>[8 preset speeds] (PS8)</b> has been assigned before assigning <b>[16 preset speeds] (PS16)</b> . <input type="checkbox"/> <b>[No] (nO)</b> : Not assigned <input type="checkbox"/> <b>[L1] (L1)</b> : Logic input LI1 <input type="checkbox"/> <b>[L2] (L2)</b> : Logic input LI2 <input type="checkbox"/> <b>[L3] (L3)</b> : Logic input LI3 <input type="checkbox"/> <b>[L4] (L4)</b> : Logic input LI4 <input type="checkbox"/> <b>[L5] (L5)</b> : Logic input LI5 <input type="checkbox"/> <b>[L6] (L6)</b> : Logic input LI6  If <b>[ACCESS LEVEL] (LAC) = [Level 3] (L3)</b> , the following assignments are possible: <input type="checkbox"/> <b>[CD11] (CD11)</b> : Bit 11 of the control word from a communication network <input type="checkbox"/> <b>[CD12] (CD12)</b> : Bit 12 of the control word from a communication network <input type="checkbox"/> <b>[CD13] (CD13)</b> : Bit 13 of the control word from a communication network <input type="checkbox"/> <b>[CD14] (CD14)</b> : Bit 14 of the control word from a communication network <input type="checkbox"/> <b>[CD15] (CD15)</b> : Bit 15 of the control word from a communication network	[No] (nO)	
<b>SP2</b> ★	<input type="checkbox"/> <b>[Preset speed 2]</b>	(1)	0.0 to 500.0 Hz (2)   10 Hz
<b>SP3</b> ★	<input type="checkbox"/> <b>[Preset speed 3]</b>	(1)	0.0 to 500.0 Hz (2)   15 Hz
<b>SP4</b> ★	<input type="checkbox"/> <b>[Preset speed 4]</b>	(1)	0.0 to 500.0 Hz (2)   20 Hz
<b>SP5</b> ★	<input type="checkbox"/> <b>[Preset speed 5]</b>	(1)	0.0 to 500.0 Hz (2)   25 Hz
<b>SP6</b> ★	<input type="checkbox"/> <b>[Preset speed 6]</b>	(1)	0.0 to 500.0 Hz (2)   30 Hz
<b>SP7</b> ★	<input type="checkbox"/> <b>[Preset speed 7]</b>	(1)	0.0 to 500.0 Hz (2)   35 Hz
<b>SP8</b> ★	<input type="checkbox"/> <b>[Preset speed 8]</b>	(1)	0.0 to 500.0 Hz (2)   40 Hz
<b>SP9</b> ★	<input type="checkbox"/> <b>[Preset speed 9]</b>	(1)	0.0 to 500.0 Hz (2)   45 Hz
<b>SP10</b> ★	<input type="checkbox"/> <b>[Preset speed 10]</b>	(1)	0.0 to 500.0 Hz (2)   50 Hz

(1)Parameter can also be accessed in the **[SETTINGS] (SEt-)** menu. This parameter will depend on how many speeds have been configured.

(2)Reminder: The speed remains limited by the **[High speed] (HSP)** parameter, page [33](#).



These parameters only appear if the corresponding function has been selected in another menu. When the parameters can also be accessed and set from within the configuration menu for the corresponding function, their description is detailed in these menus, on the pages indicated, to aid programming.

## [APPLICATION FUNCT.] (FUn-) menu

rEF-  
SEt-  
drC-  
rD-  
CLL-  
Fun-  
FLt-  
CaP-  
SuP-

Code	Name/Description	Adjustment range	Factory setting
<b>P55-</b>	<b>[PRESET SPEEDS]</b> (continued)		
<b>SP11</b> ★	<input type="checkbox"/> [Preset speed 11] (1)	0.0 to 500.0 Hz (2)	55 Hz
<b>SP12</b> ★	<input type="checkbox"/> [Preset speed 12] (1)	0.0 to 500.0 Hz (2)	60 Hz
<b>SP13</b> ★	<input type="checkbox"/> [Preset speed 13] (1)	0.0 to 500.0 Hz (2)	70 Hz
<b>SP14</b> ★	<input type="checkbox"/> [Preset speed 14] (1)	0.0 to 500.0 Hz (2)	80 Hz
<b>SP15</b> ★	<input type="checkbox"/> [Preset speed 15] (1)	0.0 to 500.0 Hz (2)	90 Hz
<b>SP16</b> ★	<input type="checkbox"/> [Preset speed 16] (1)	0.0 to 500.0 Hz (2)	100 Hz

(1)Parameter can also be accessed in the [SETTINGS] (SEt-) menu. This parameter will depend on how many speeds have been configured.

(2)Reminder: The speed remains limited by the [High speed] (HSP) parameter, page 33.



These parameters only appear if the corresponding function has been selected in another menu. When the parameters can also be accessed and set from within the configuration menu for the corresponding function, their description is detailed in these menus, on the pages indicated, to aid programming.